

Title (en)

Method and apparatus for applying liquid solder resist to a printed circuit board.

Title (de)

Verfahren und Vorrichtung zum Aufbringen einer flüssigen Lötstopmmaske auf eine Leiterplatte.

Title (fr)

Procédé et appareillage pour appliquer un liquide résistant à la soudure à une plaquette de circuit.

Publication

EP 0379339 A2 19900725 (EN)

Application

EP 90300451 A 19900117

Priority

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Abstract (en)

A method and apparatus for applying liquid solder resist to a printed circuit board are described. Liquid solder resist is sprayed by an airless spray gun (1) onto the board (PP). An electrode (11) charged to between 20 and 30 kV is provided between the gun (1) and the board (PP) and a grounded metallic screen (44) is mounted below the board (PP). The electrode (11) is distanced from the central axis (Cl) of the orifice (6) of the gun nozzle (5). The relative positions of the nozzle (5), electrode (11), board (PP) and screen (44) are carefully controlled and are preferably set within specified limits. An even coating of the solder resist on the board can be achieved.

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CPC (source: EP KR)

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Cited by

EP0609478A1; US5294459A; US5368219A; US5415337A; US6302960B1; WO9204985A1; WO0030767A1; EP3796993A1

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